



**KINETIKO**  
ENERGY LTD

# SOUTH AFRICA'S TRANSITION ENERGY SOLUTION



Company Presentation UK Conferences | March 2024

GET IN TOUCH



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**ASX:KKO**  
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# Enormous Onshore Gas Resource in premier energy producing zone of South Africa

## Resource/Reserves:

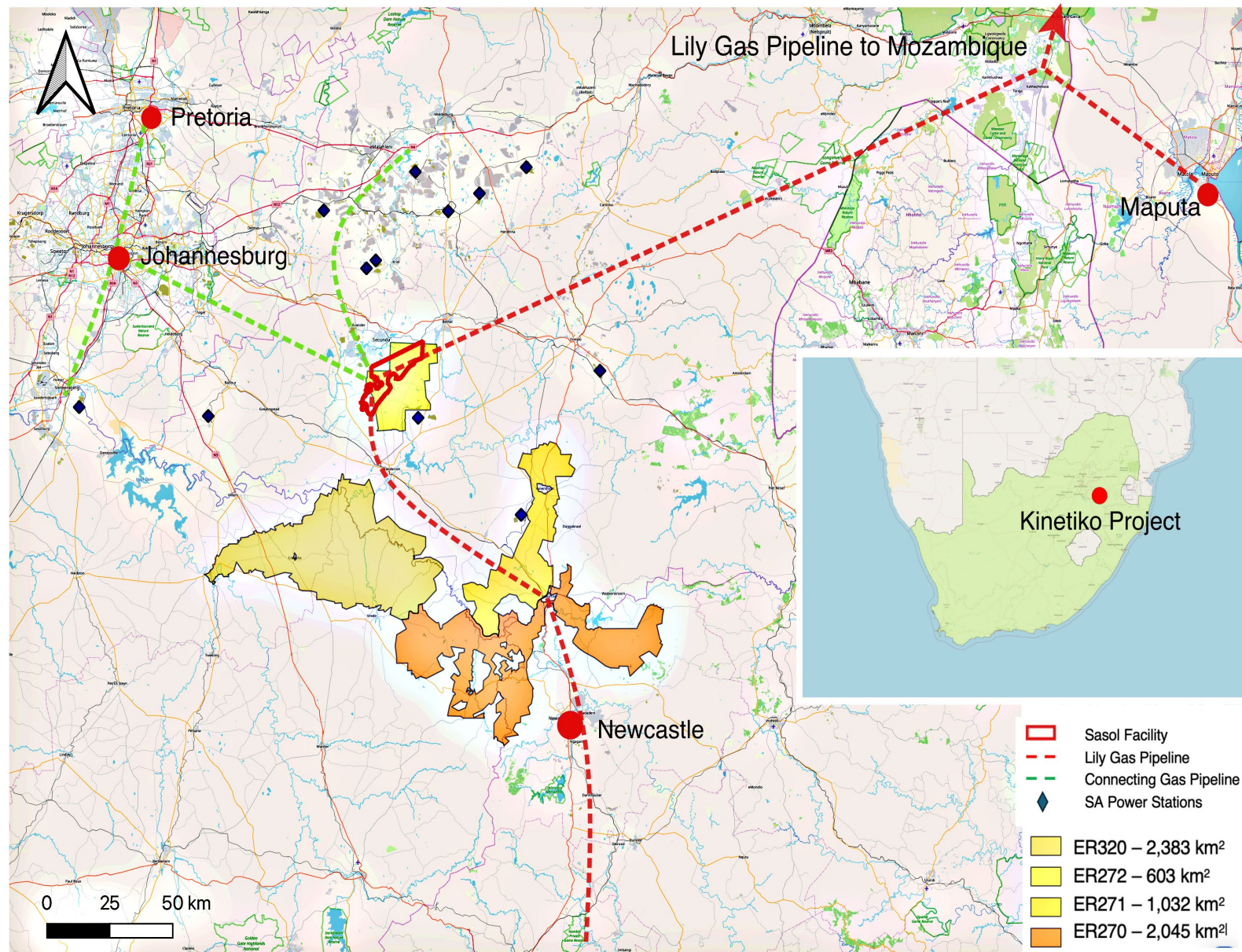
- ✓ **Resource** - 6.0TCF (2C)\*
- ✓ **Prospective Resource** - 5.8TCF (2U)\*
- ✓ **Reserve** - 6.4 BCF (2P)\* assessed over pilot production field underpinned by initial IDC JV
- ✓ **Reserve based on <0.2% (1/500<sup>th</sup>) of granted tenements\***
- ✓ **Sproule Report** on website\*

**Located 200km south east of Johannesburg.**

## Adjacent to infrastructure:

- ✓ Power stations and coal mines:
  - ✓ - Majuba - (4.1GW gas co-fired plant)
- ✓ SASOL Secunda Gas to Liquids Refinery
- ✓ Lily-1 Pipeline (Sasol offtake feeder)
- ✓ Roads and Transmission lines

\*Refer to slide 10 Resource and Reserves Table



# South Africa Energy Crisis – Right Commodity in the Right Place

## The Right Commodity....

- **Significant landholding** - greater than 6,000 km<sup>2</sup>
- **Gas is 96%-98%** (measured) **methane** - remainder nitrogen
- **Conventional setting** - Gas sits in sandstone, above the coals, sealed and compartmentalised into reservoirs by dolerite sill/dykes
- **No fracking or horizontal drilling** - Not a CBM / Shale play
- **Tenements under application = 2,383km<sup>2</sup>** - will grow resource materially
- **100% drilling success** (all 44 holes have gas with large, shallow pay zones)

## In the Right Place....

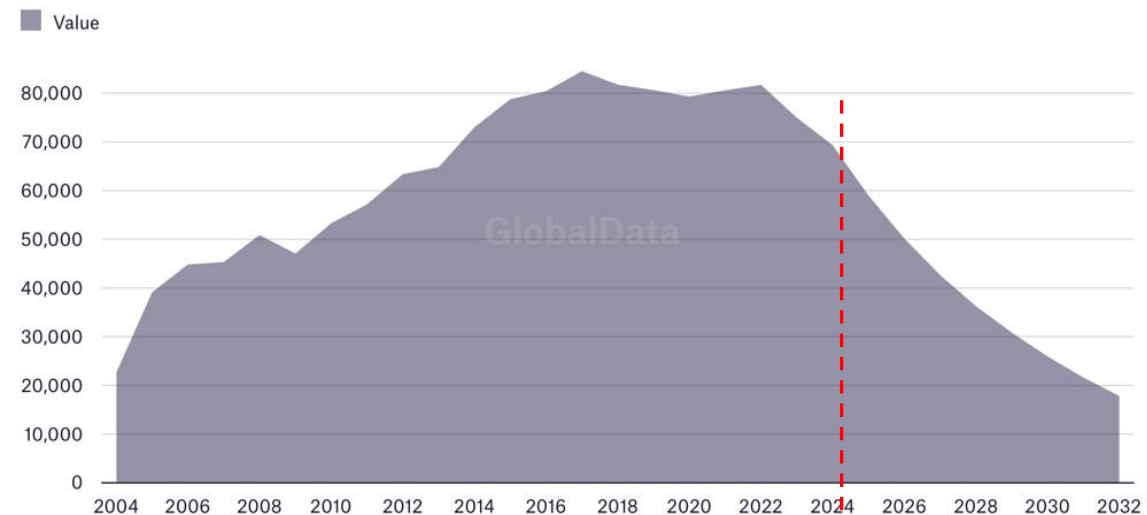
- **South African energy crisis** - Daily rolling blackouts
- **Aging coal energy in decay**, historically providing over 85% of power generation
- **Gas cliff** = Aging Temane field (Mozambique) is in severe decline
- **Lack of alternatives** (offshore/ CBM/renewables minimum 10 years away)

## Production from Pande-Temane Complex

The Pande-Temane Complex conventional gas field recovered 73.83% of its total recoverable reserves, with peak production in 2017. The peak production was approximately 1.27 thousand bpd of crude oil and condensate and 500.00 Mmcf/d of natural gas. Based on economic assumptions, production will continue until the field reaches its economic limit in 2032. The field currently accounts for approximately 68% of the country's daily output.

## Pande-Temane Complex total production

Total production (boed)



Source: GlobalData Oil & Gas Intelligence Center

# Development Dynamics and Plan

## Step 1: - Drilling to Confirm Gas Field Production Characteristics

- Flow rate and depletion curve testing
- Gas Resource and Reserve Increase

## Step 2: - Identify Multiple Optimal Development Sites

- Targeting highest flow rates near pipelines, power stations, refineries , transmission network to facilitate development sites

## Step 3: - Micro-LNG plant proof of concept at Amersfoort

- Drilling additional production holes at existing Amersfoort field cluster followed by installation of micro-LNG train

## Step 4: - Development of SA's Largest Onshore LNG project\*

- **IDC JV** - 50MWe going to **500MWe**
- **Fiscal Terms:** (30% IDC/70% KKO)  $\cong$  AUD \$140m for stage 1 (50MWe)
- **IDC providing AUD \$51m** (60%) of AUD \$90m equity
- **Option to expand to 1,500MWe**

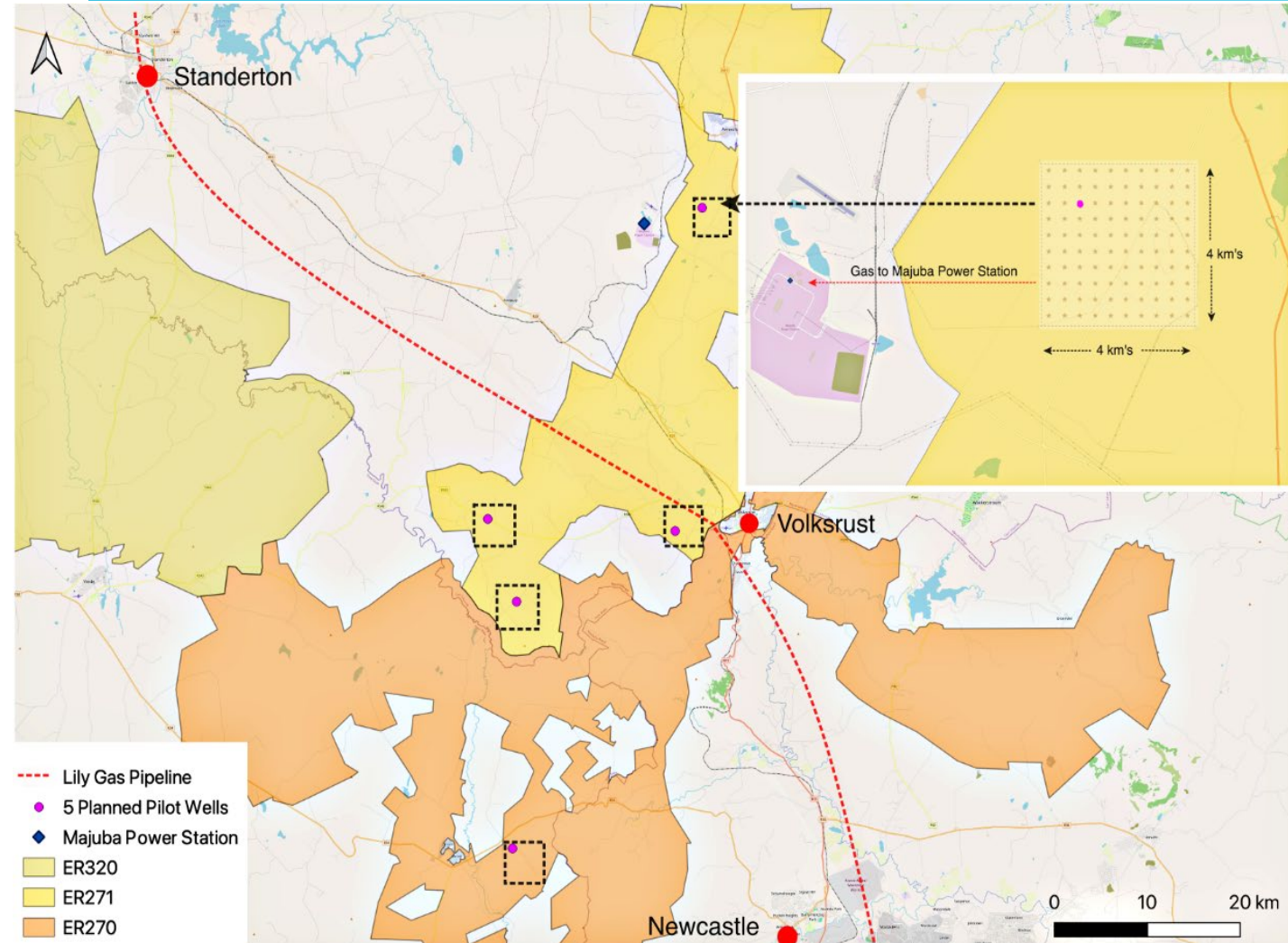
➤ **Amersfoort Development based on clusters of shallow production holes** feeding existing infrastructure or a series of micro LNG plants



# Key Exploration Program Imminent

## Commencing Q2 2024

- Exploration Program about to commence- Drill 5 production/appraisal holes in southern fields ( 4 holes ER271, 1 hole ER270)
- Prepare extended flow rate and gas depletion testing
- Identify high flow rate gas zones and sites for development of production clusters
- Complete site selection for additional production holes to drill proof of concept cluster at Amersfoort in northern ER 271
- Continue negotiations with SA strategic development partners



Confirmation of Flow/Depletion Rates unlocks gas production development potential

# Clear Pathway to Value in the next Year

## Q3 2024 into 2025

- › Flow rate and gas depletion testing results
- › Resource Upgrade
- › Seek substantial Gas Reserve upgrade (2P & 1P)
- › ER 320 Exploration Right grant will add significant resource upgrade potential
- › Production right grant ER271 primes first revenues in 2025
- › Deliver on IDC term sheet to start operations on delivery of 50MWe gas field
- › Potential listing in UK



Setting up the future development of South Africa's largest onshore gas field

# Capital Structure

1,348,268,334

Shares

\$0.075

Share Price (5 Mar 2024)

\$101m

Market Cap

\$3.9m

Cash (est. 31 Dec 2023)

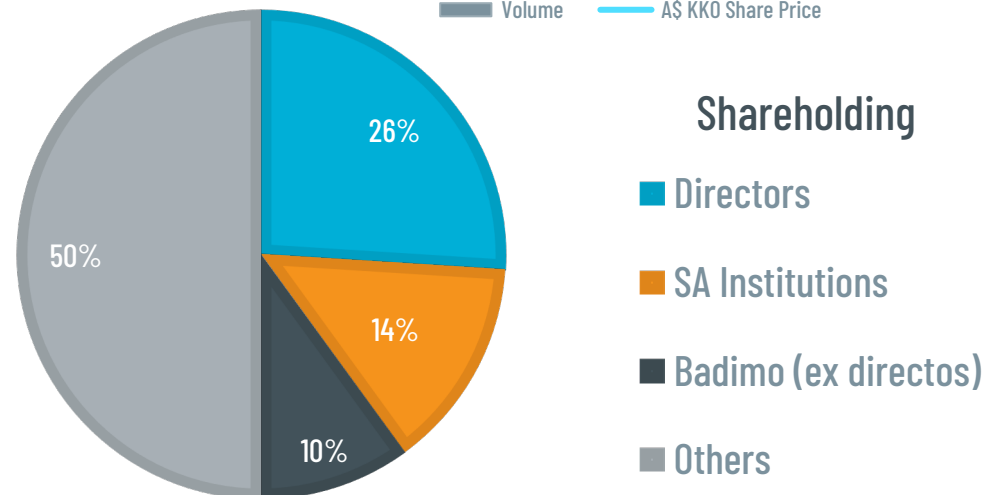
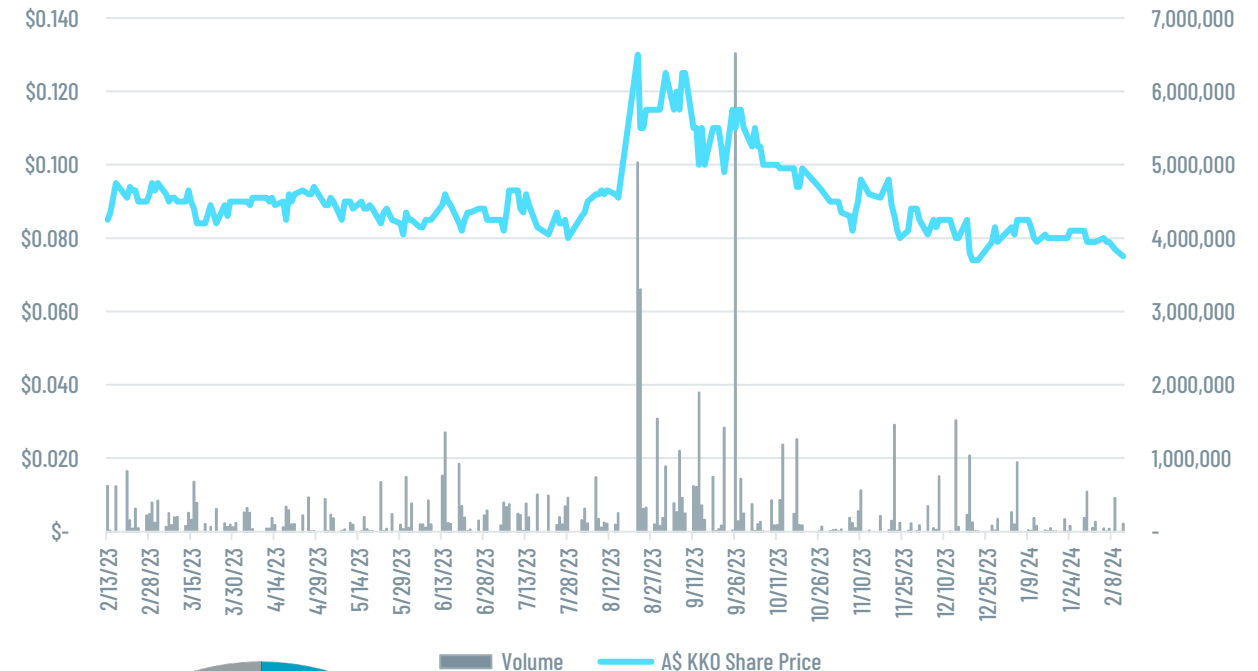
\$96m

Enterprise Value (EV)

30,750,000

3m options @ 0.09/10 exp 25  
 27.75m options @ 0.12 exp 26

Share Price Performance (12 months)



- › KKO 100% owner of Afro Energy (Pty) Ltd\*
- › KKO maintains BEE participation over 30%
- › Tight register with top 20 shareholders owning 70%
- › Successfully attracting South African and UK investors to the register

\*Announced 21 September 2023

# Experienced Board & Management Team



**Adam Sierakowski**  
Executive Chairman

- › Adam is a seasoned lawyer and founding director of Palisade Corporate and Trident Capital.
- › With a focus on corporate transactions, he has successfully navigated the landscape from private entities to listed public companies.
- › Adam's expertise lies in capital raising, ASX transactions, and developing assets and corporate structures for major companies both in Australia and overseas.
- › With over 21 years of experience in the legal field, he has also held director positions in ASX listed companies, further demonstrating his deep understanding of the industry.



**Nick de Blocq**  
CEO In-Country

- › Nick has over 35 years of experience as an Engineer and Manager in the Upstream Oil and Gas industry in various senior roles, including Multi-Country Operations & Functions Management and Regional Business Development with Schlumberger, Africa VP with an American corporate and COO with a Regional Solutions supplier in West Africa.
- › Nick has consulted to the SA Government on the localisation of industry and sat on the National Ports Authority advisory panel to bring an oil and gas aspect to their marketing strategies.



**Robert Scharnell**  
Non-Executive Director

- › Robert is an experienced international business executive with over 30 years of demonstrated achievement at Chevron Corporation in establishing and implementing business strategy. He has conducted business in over 20 countries and under complex situations, for large values including negotiating multi-lingual agreements, sales/purchase transactions, and settling claims and disputes on the scale of over \$1 billion in value.
- › His breadth of experience extends beyond the core energy business, with a career highlight in managing the creation and implementation of an award-winning economic development and social impact project in Africa. This project transformed Chevron's approach to improving lives within the communities in which it operates.



**Don Ncube**  
Non-Executive Director

- › Donald has a master's degree in Manpower Studies from the University of Manchester.
- › Mr Ncube is recognised and respected as one of the reputable pioneers of Black Economic Empowerment. He is the founder and former Chairman and Chief Executive Officer of Real Africa Holdings (Pty) Ltd, a listed company on the JSE.
- › Mr Ncube carved his professional career in the mining industry. He worked for the Anglo-American Corporation for 22 consecutive years and was the first South African black to sit on the Board of Anglo-American Corporation. Mr Ncube has a performance track record as Chairman of successful corporations such as Sun International, Oceana Fishing Group, South African Airways and Atomic Energy Corporation.



**Rob Bulder**  
Non-Executive Director

- › Rob qualified as a Chartered Accountant in 1987 and has over 30 years of commercial experience.
- › Mr Bulder has held numerous senior management and executive board positions in the manufacturing, financial services, IT, airline and gas industries, overseeing multi-billion Rand budgets. These positions included that of Group Financial Director of Paragon Business Communications Ltd, a company listed on the Johannesburg Stock Exchange, as well as the position of (acting) Executive Vice-President of South African Airways SOE and CEO of South African Airways Technical Division (Pty) Ltd, a multi-billion Rand division of SAA Ltd and that of the Vice President of Business Development for SAA Ltd.



**Richard Wolanski**  
Corporate Finance

- › Richard Wolanski, B.Com, ACA, is a Chartered Accountant with qualifications that include a Bachelor of Commerce from the University of Western Australia.
- › Richard has over 30 years professional experience in the finance and mining industries at an international level. He has provided corporate, strategic and financial advisory assistance to public companies in Australia, Singapore and the United Kingdom.



**Paul Doropoulos**  
Chief Financial Officer

- › Paul is an Executive Consultant with over 20 years experience in providing strategic guidance to ASX listed companies in the oil, gas, and mining services sectors.
- › He has played pivotal roles in the successful ASX listings of companies like Metaliko Resources Ltd (2010), Kinetiko Energy Limited (2011), and Swift Networks Limited (2016).
- › Additionally, Paul has held executive and non-executive board positions, including CFO responsibilities, in various ASX listed companies.
- › Paul holds a Bachelor of Business Degree (Finance).



**Simon Whybrow**  
Company Secretary

- › Simon is a highly driven and dedicated professional with a wealth of experience as a CFO, Company Secretary, and Commercial Manager.
- › His key strengths lie in financial administration and control, boardroom practices, corporate and business strategy, process improvement, and general management.
- › Simon also specialises in overseeing financial operations and ensuring effective administrative processes. His expertise extends to implementing sound corporate governance practices and contributing to strategic decision-making.





**KINETIKO**  
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This presentation was approved for release  
by the Board of **Kinetiko Energy Limited**.

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BRINGING GAS TO SOUTH AFRICAN MARKET

ASX:KKO

# Resources and Reserves\*

## Total Contingent Resources Calculated for the Three Kinetiko Licenses (in Bcf, Gross)

License	1C	2C	3C
<b>Total CBM and SST CR</b>	<b>2,846.0</b>	<b>6,031.4</b>	<b>17,429.1</b>

## Prospective Convectional Resources Calculated for the Three Kinetiko Licenses (in Bcf, Gross)

License	1U	2U	3U
ER 271	-	-	-
ER 270	3,201	5,413	8,396
ER 272	303	406	529
<b>Total</b>	<b>3,504</b>	<b>5,819</b>	<b>8,925</b>

## Summary of Net Gas Reserves for ER 271 Gas Field Development Project (Gross)

	PDP	PDNP	PUD	Total Proved (1P)	Proved + Probable (2P)	Proved + Probable + Possible (3P)
Gas (MMCF)	<b>0.0</b>	<b>655.3</b>	<b>3,276.5</b>	<b>3,931.8</b>	<b>6,427.5</b>	<b>10,047.4</b>

\*Refer Announced 21 August 2023. The Company confirms that it is not aware of any new information or data that materially affects in information included in this market announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

# Media Statement from Department Mineral Resources and Energy



**mineral resources  
& energy**

Department:  
Mineral Resources and Energy  
REPUBLIC OF SOUTH AFRICA

## **MEDIA STATEMENT**

To: All media  
Date: 23 August 2023

### **DMRE WELCOMES DISCOVERY OF MAIDEN GAS RESERVES AND INCREASE IN CONTINGENT RESOURCE**

The Department of Mineral Resources and Energy (DMRE) has welcomed the discovery of 3.1 billion cubic feet (6.4 BCF Gross) of maiden gas reserves and a 20% increase in 2C (best estimates) contingent resources to 3.0 trillion cubic feet (6.0 TCF Gross) in Amersfoort, Mpumalanga province.

In an announcement dated 21 August 2023, Kinetiko Energy, an Australian gas explorer that focuses on commercialising advanced shallow conventional gas and coal bed methane projects with a 49% stake in Afro Energy (Pty) Ltd, indicated that the discoveries were confirmed through an independent gas reserves and resources report from Sproule B.V.

Afro Energy (Pty) Ltd holds the exploration permits for parts of Mpumalanga province and has signed a joint development agreement with the Industrial Development Corporation (IDC) to co-invest in the production and exploration of gas at approximately 20 wells in Amersfoort. The maiden gas reserves were discovered through a planned 20-well pilot production cluster that forms part of this joint venture.

Natural gas forms part of energy mix envisaged in the Integrated Resource Plan (IRP 2019), South Africa's blueprint policy for electricity generation. It is considered a transition fuel globally and provides the flexibility necessary to run our current electricity generation system in a cost-effective manner.

In this regard, the DMRE promotes exploration and production of gas, and supports the development of gas infrastructure that would augment the country's electricity generation capacity. Gas is one of resources needed for baseload

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energy required to strengthen South Africa's energy security and propel the quest for industrialisation that will bring about growth and development.

**For enquiries:** [mediadesk@dmre.gov.za](mailto:mediadesk@dmre.gov.za)

*End*

**Issued by the Department of Mineral Resources and Energy**